

10/523,666

PATENT

Serial No. 10/523,666

Amendment in Reply to Final Office Action mailed on November 20, 2006

Replace the paragraph on page 12, between lines ³⁻¹⁹~~3-19~~ of the specification with the following:

LC
12/06/07

Fig. 7 shows in principle an extension of the Fig. 6. In each branch of the current ~~mirror 66~~ mirror 60 is the same number of transistors connected in parallel between the current ~~mirror 66~~ mirror 60 and ground. The branch of the so-called circuit unit comprises three transistors 68, 70, and 72. The drain contacts are connected in parallel, the gate contacts are connected in parallel and the drain-source contacts are connected in parallel. The drain source contacts are connected to ground. The drain contacts are connected in parallel to the current mirror 60. The gate contacts are connected to the terminal 80. In principle the same is done with the right branch of the current ~~mirror 66~~ mirror 60. The right branch comprises three transistors 74, 76, 78. The drain-source contacts are connected in parallel to ground. The gate contacts are connected in parallel to the terminal 82. The drain contacts are connected in parallel to the current ~~mirror 66~~ mirror 60. The same number of transistors has to be used in both branches of the circuit or an equivalently wide transistor in one of the branches in order to have $I_1 \approx I_2$, getting almost the same expression of (6)